

05514500 CUIVRE RIVER NEAR TROY, MO--Continued  
(Ambient water-quality monitoring network)

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1983 to current year.

REMARKS.--National stream-quality accounting network station October 1986 through September 1994. Ambient water-quality monitoring network station October 1994 to current year.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	TIME	DIS- CHARGE, INST. (CUBIC FEET PER SECOND) (00061)	SPE- CIFIC CON- DUCT- ANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	TEMPER- ATURE, WATER (DEG C) (00010)	TUR- BID- ITY (NTU) (00076)	OXYGEN, DIS- SOLVED (mg/L) (00300)	OXYGEN, DIS- SOLVED (PER- CENT SATUR- ATION) (00301)	COLI- FORM, FECAL, 0.7 µm-MF (COLS./ 100 mL) (31625)	STREP- TOCOCCI FECAL, KF AGAR (COLS. PER 100 mL) (31673)	HARD- NESS, TOTAL (mg/L as CaCO <sub>3</sub> ) (00900)	CALCIUM, DIS- SOLVED (mg/L as Ca) (00915)
NOV												
20...	1610	11	425	7.8	8.0	11	12.9	107	44	110	180	57
JAN												
23...	1200	1300	327	7.7	1.0	210	12.8	91	4400	18000	120	37
MAR												
12...	0650	241	376	7.8	3.5	25	12.9	95	K48	700	150	47
MAY												
21...	1430	453	286	7.7	24.5	74	7.5	88	K2000	2000	130	42
JUL												
23...	1430	465	224	7.1	24.5	110	7.2	86	4700	1800	85	27
SEP												
03...	1535	32	253	7.6	25.0	16	10.2	125	220	120	110	34
DATE		MAGNE- SIUM, DIS- SOLVED (mg/L as Mg) (00925)	SODIUM, DIS- SOLVED (mg/L as Na) (00930)	POTAS- SIUM, DIS- SOLVED (mg/L as K) (00935)	ALKA- LINITY WAT DIS TOT IT FIELD (mg/L as CaCO <sub>3</sub> ) (39086)	CAR- BONATE WATER WH IT FIELD (mg/L as CO <sub>3</sub> ) (00447)	BICAR- BONATE WATER WH IT FIELD (mg/L as HCO <sub>3</sub> ) (00450)	SULFATE DIS- SOLVED (mg/L as SO <sub>4</sub> ) (00945)	CHLO- RIDE, DIS- SOLVED (mg/L as Cl) (00940)	FLUO- RIDE, DIS- SOLVED (mg/L as F) (00950)	SILICA, DIS- SOLVED (mg/L as SiO <sub>2</sub> ) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (mg/L) (70300)
NOV												
20...		9.4	8.9	4.7	179	0	218	20	12	0.10	6.7	238
JAN												
23...		6.7	14	6.8	143	0	175	18	24	0.20	7.4	192
MAR												
12...		7.5	11	5.3	119	0	145	25	16	0.20	9.2	218
MAY												
21...		6.0	7.1	4.5	111	0	136	17	9.5	0.20	9.2	181
JUL												
23...		4.2	6.0	6.1	73	0	89	13	9.3	0.20	10	138
SEP												
03...		5.4	5.6	4.9	108	0	132	11	6.9	0.20	8.0	149

K--Results based on colony count outside the acceptable range (non-ideal colony count).

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WATER-QUALITY DATA, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DATE	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (mg/L) (70301)	SOLIDS, DIS- SOLVED (TONS AC-FT) (70303)	SOLIDS, DIS- SOLVED (TONS DAY) (70302)	NITRO- GEN, NITRITE DIS- SOLVED (mg/L as N) (00613)	NITRO- GEN, NO <sub>2</sub> +NO <sub>3</sub> DIS- SOLVED (mg/L as N) (00631)	NITRO- GEN, AMMONIA DIS- SOLVED (mg/L as N) (00608)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (mg/L as N) (00625)	PHOS- PHORUS, TOTAL (mg/L as P) (00665)	PHOS- PHORUS, DIS- SOLVED (mg/L as P) (00666)	PHOS- PHORUS ORTHO, DIS- SOLVED (mg/L as P) (00671)	ALUM- INUM, DIS- SOLVED (µg/L as Al) (01106)
NOV											
20...	228	0.32	7.1	0.020	0.400	<0.015	0.60	0.100	0.010	<0.010	30
JAN											
23...	212	0.26	674	0.030	2.30	0.410	3.2	0.910	0.190	0.210	<10
MAR											
12...	208	0.30	142	0.040	3.30	0.210	1.0	0.180	0.090	0.080	130
MAY											
21...	168	0.25	221	0.020	1.20	0.030	1.3	0.250	0.110	0.090	<10
JUL											
23...	134	0.19	173	0.080	3.10	0.120	1.7	0.350	0.180	0.140	225
SEP											
03...	141	0.20	12.9	<0.010	<0.020	<0.010	0.80	0.110	<0.020	<0.010	41
DATE	BARIUM, DIS- SOLVED (µg/L as Ba) (01005)	COBALT, DIS- SOLVED (µg/L as Co) (01035)	IRON, DIS- SOLVED (µg/L as Fe) (01046)	LITHIUM, DIS- SOLVED (µg/L as Li) (01130)	MANGA- NESE, DIS- SOLVED (µg/L as Mn) (01056)	MOLYB- DENUM, DIS- SOLVED (µg/L as Mo) (01060)	NICKEL, DIS- SOLVED (µg/L as Ni) (01065)	SELE- NIUM, DIS- SOLVED (µg/L as Se) (01145)	SILVER, DIS- SOLVED (µg/L as Ag) (01075)	STRON- TIUM, DIS- SOLVED (µg/L as Sr) (01080)	VANA- DIUM, DIS- SOLVED (µg/L as V) (01085)
NOV											
20...	100	<3.0	40	<4	330	<10	2.0	<1	<1.0	120	<6
JAN											
23...	69	<3.0	23	<4	150	<10	1.0	<1	<1.0	80	<6
MAR											
12...	84	<3.0	110	<4	140	<10	1.0	<1	<1.0	95	<6
MAY											
21...	90	<3.0	19	<4	140	<10	2.0	<1	<1.0	89	<6
JUL											
23...	75	<3.0	160	<4	63	10	2.0	<1	<1.0	73	<6
SEP											
03...	91	<3.0	78	<4	220	<10	2.0	<1	<1.0	84	<6